



(a)(2vi) Retired Vehicles

8/27/2015

From 1/1/2014 to 12/31/2014

All Vehicles Model Year	A			T			O			B			C			Total		
	ASM			TSI		% Retired	OBD			OBD+ ASM			OBD+ TSI					
	Test Count	Retired Count	% Retired	Test Count	Retired Count	% Retired	Test Count	Retired Count	% Retired	Test Count	Retired Count	% Retired	Test Count	Retired Count	% Retired	Test Count	Retired Count	% Retired
1968	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	0	0.0%
1969	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1970	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1971	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1972	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1973	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1974	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1975	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1976	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1977	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1978	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1979	0	0	0.0%	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	0	0.0%
1980	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1981	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1982	1	1	100.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	1	100.0%
1983	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1984	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	0	0.0%
1985	1	1	100.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	1	100.0%
1986	6	6	100.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	6	6	100.0%
1987	6	3	50.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	6	3	50.0%
1988	23	6	26.1%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	23	6	26.1%
1989	44	23	52.3%	6	4	66.7%	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	27	54.0%
1990	321	102	31.8%	21	6	28.6%	0	0	0.0%	0	0	0.0%	0	0	0.0%	342	108	31.6%
1991	468	120	25.6%	37	11	29.7%	0	0	0.0%	0	0	0.0%	0	0	0.0%	505	131	25.9%
1992	480	108	22.5%	38	11	28.9%	0	0	0.0%	0	0	0.0%	0	0	0.0%	518	119	23.0%
1993	679	145	21.4%	56	10	17.9%	0	0	0.0%	0	0	0.0%	0	0	0.0%	735	155	21.1%
1994	957	219	22.9%	74	21	28.4%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1031	240	23.3%
1995	997	225	22.6%	90	19	21.1%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1087	244	22.4%
1996	0	0	0.0%	21	4	19.0%	759	136	17.9%	204	41	20.1%	17	3	17.6%	1001	184	18.4%
1997	0	0	0.0%	35	9	25.7%	1090	217	19.9%	135	26	19.3%	4	1	25.0%	1264	253	20.0%
1998	0	0	0.0%	38	8	21.1%	1377	258	18.7%	89	24	27.0%	14	4	28.6%	1518	294	19.4%
1999	0	0	0.0%	44	9	20.5%	1708	301	17.6%	0	0	0.0%	0	0	0.0%	1752	310	17.7%
2000	0	0	0.0%	62	11	17.7%	2460	375	15.2%	0	0	0.0%	0	0	0.0%	2522	386	15.3%
2001	0	0	0.0%	34	10	29.4%	2362	400	16.9%	0	0	0.0%	0	0	0.0%	2396	410	17.1%
2002	0	0	0.0%	46	10	21.7%	2615	389	14.9%	0	0	0.0%	0	0	0.0%	2661	399	15.0%
2003	0	0	0.0%	43	9	20.9%	2285	341	14.9%	0	0	0.0%	0	0	0.0%	2328	350	15.0%
2004	1	0	0.0%	39	2	5.1%	2369	300	12.7%	1	0	0.0%	0	0	0.0%	2410	302	12.5%
2005	0	0	0.0%	4	1	25.0%	1895	251	13.2%	1	0	0.0%	0	0	0.0%	1900	252	13.3%
2006	0	0	0.0%	3	0	0.0%	1893	225	11.9%	0	0	0.0%	0	0	0.0%	1896	225	11.9%
2007	0	0	0.0%	0	0	0.0%	1263	137	10.8%	1	1	100.0%	0	0	0.0%	1264	138	10.9%
2008	0	0	0.0%	0	0	0.0%	910	88	9.7%	0	0	0.0%	0	0	0.0%	910	88	9.7%
2009	0	0	0.0%	0	0	0.0%	465	50	10.8%	0	0	0.0%	0	0	0.0%	465	50	10.8%
2010	0	0	0.0%	0	0	0.0%	393	33	8.4%	0	0	0.0%	0	0	0.0%	393	33	8.4%
2011	0	0	0.0%	0	0	0.0%	279	26	9.3%	0	0	0.0%	0	0	0.0%	279	26	9.3%
2012	0	0	0.0%	0	0	0.0%	350	22	6.3%	0	0	0.0%	0	0	0.0%	350	22	6.3%
2013	0	0	0.0%	0	0	0.0%	101	12	11.9%	0	0	0.0%	0	0	0.0%	101	12	11.9%
2014	0	0	0.0%	0	0	0.0%	18	2	11.1%	0	0	0.0%	0	0	0.0%	18	2	11.1%
2015	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Totals:	3986	959	24.1%	692	155	22.4%	24592	3563	14.5%	431	92	21.3%	35	8	22.9%	29736	4777	16.1%



(a)(2vi) Retired Vehicles

From 1/1/2014 to 12/31/2014

Passenger Model Year	A			T			O			B			C			Total			
	ASM		%	TSI		%	OBD		%	OBD+ ASM		%	OBD+ TSI		%	Test Count		Retired Count	% Retired
	Test Count	Retired Count	% Retired	Test Count	Retired Count	% Retired	Test Count	Retired Count	% Retired	Test Count	Retired Count	% Retired	Test Count	Retired Count	% Retired	Test Count	Retired Count	% Retired	
1968	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	0	0.0%	
1969	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1970	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1971	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1972	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1973	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1974	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1975	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1976	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1977	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1978	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1979	0	0	0.0%	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	0	0.0%	
1980	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1981	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1982	1	1	100.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	1	100.0%	
1983	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	
1984	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	0	0.0%	
1985	1	1	100.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	1	100.0%	
1986	4	4	100.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	4	4	100.0%	
1987	5	3	60.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	3	60.0%	
1988	10	4	40.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	10	4	40.0%	
1989	21	10	47.6%	2	2	100.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	23	12	52.2%	
1990	209	74	35.4%	7	3	42.9%	0	0	0.0%	0	0	0.0%	0	0	0.0%	216	77	35.6%	
1991	278	81	29.1%	20	8	40.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	298	89	29.9%	
1992	323	78	24.1%	17	5	29.4%	0	0	0.0%	0	0	0.0%	0	0	0.0%	340	83	24.4%	
1993	373	93	24.9%	27	3	11.1%	0	0	0.0%	0	0	0.0%	0	0	0.0%	400	96	24.0%	
1994	505	118	23.4%	43	15	34.9%	0	0	0.0%	0	0	0.0%	0	0	0.0%	548	133	24.3%	
1995	530	123	23.2%	31	8	25.8%	0	0	0.0%	0	0	0.0%	0	0	0.0%	561	131	23.4%	
1996	0	0	0.0%	0	0	0.0%	424	72	17.0%	148	29	19.6%	17	3	17.6%	589	104	17.7%	
1997	0	0	0.0%	1	1	100.0%	613	125	20.4%	100	23	23.0%	4	1	25.0%	718	150	20.9%	
1998	0	0	0.0%	0	0	0.0%	836	152	18.2%	87	24	27.6%	14	4	28.6%	937	180	19.2%	
1999	0	0	0.0%	0	0	0.0%	1047	185	17.7%	0	0	0.0%	0	0	0.0%	1047	185	17.7%	
2000	0	0	0.0%	0	0	0.0%	1503	246	16.4%	0	0	0.0%	0	0	0.0%	1503	246	16.4%	
2001	0	0	0.0%	0	0	0.0%	1316	243	18.5%	0	0	0.0%	0	0	0.0%	1316	243	18.5%	
2002	0	0	0.0%	0	0	0.0%	1421	254	17.9%	0	0	0.0%	0	0	0.0%	1421	254	17.9%	
2003	0	0	0.0%	0	0	0.0%	1231	188	15.3%	0	0	0.0%	0	0	0.0%	1231	188	15.3%	
2004	1	0	0.0%	0	0	0.0%	1128	166	14.7%	0	0	0.0%	0	0	0.0%	1129	166	14.7%	
2005	0	0	0.0%	0	0	0.0%	1027	145	14.1%	0	0	0.0%	0	0	0.0%	1027	145	14.1%	
2006	0	0	0.0%	0	0	0.0%	1029	127	12.3%	0	0	0.0%	0	0	0.0%	1029	127	12.3%	
2007	0	0	0.0%	0	0	0.0%	693	81	11.7%	0	0	0.0%	0	0	0.0%	693	81	11.7%	
2008	0	0	0.0%	0	0	0.0%	490	54	11.0%	0	0	0.0%	0	0	0.0%	490	54	11.0%	
2009	0	0	0.0%	0	0	0.0%	286	33	11.5%	0	0	0.0%	0	0	0.0%	286	33	11.5%	
2010	0	0	0.0%	0	0	0.0%	207	19	9.2%	0	0	0.0%	0	0	0.0%	207	19	9.2%	
2011	0	0	0.0%	0	0	0.0%	173	14	8.1%	0	0	0.0%	0	0	0.0%	173	14	8.1%	
2012	0	0	0.0%	0	0	0.0%	217	16	7.4%	0	0	0.0%	0	0	0.0%	217	16	7.4%	
2013	0	0	0.0%	0	0	0.0%	68	10	14.7%	0	0	0.0%	0	0	0.0%	68	10	14.7%	
2014	0	0	0.0%	0	0	0.0%	7	2	28.6%	0	0	0.0%	0	0	0.0%	7	2	28.6%	
2015	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	



(a)(2vi) Retired Vehicles

From 1/1/2014 to 12/31/2014

LD Truck Model Year	A			T			O			B			C			Total		
	ASM		%	TSI		%	OBD		%	OBD+ ASM		%	OBD+ TSI		%	Test		%
	Test Count	Retired Count	Retired															
1968	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1969	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1970	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1971	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1972	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1973	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1974	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1975	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1976	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1977	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1978	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1979	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1980	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1981	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1982	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1983	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1984	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1985	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1986	2	2	100.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	2	100.0%
1987	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	0	0.0%
1988	13	2	15.4%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	13	2	15.4%
1989	17	9	52.9%	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	18	9	50.0%
1990	86	20	23.3%	2	1	50.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	88	21	23.9%
1991	166	32	19.3%	6	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	172	32	18.6%
1992	127	24	18.9%	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	128	24	18.8%
1993	241	39	16.2%	10	1	10.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	251	40	15.9%
1994	354	77	21.8%	6	3	50.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	360	80	22.2%
1995	350	69	19.7%	15	1	6.7%	0	0	0.0%	0	0	0.0%	0	0	0.0%	365	70	19.2%
1996	0	0	0.0%	0	0	0.0%	245	44	18.0%	56	12	21.4%	0	0	0.0%	301	56	18.6%
1997	0	0	0.0%	0	0	0.0%	358	70	19.6%	35	3	8.6%	0	0	0.0%	393	73	18.6%
1998	0	0	0.0%	0	0	0.0%	384	82	21.4%	2	0	0.0%	0	0	0.0%	386	82	21.2%
1999	0	0	0.0%	0	0	0.0%	494	86	17.4%	0	0	0.0%	0	0	0.0%	494	86	17.4%
2000	0	0	0.0%	0	0	0.0%	732	102	13.9%	0	0	0.0%	0	0	0.0%	732	102	13.9%
2001	0	0	0.0%	0	0	0.0%	772	118	15.3%	0	0	0.0%	0	0	0.0%	772	118	15.3%
2002	0	0	0.0%	0	0	0.0%	869	102	11.7%	0	0	0.0%	0	0	0.0%	869	102	11.7%
2003	0	0	0.0%	0	0	0.0%	675	100	14.8%	0	0	0.0%	0	0	0.0%	675	100	14.8%
2004	0	0	0.0%	0	0	0.0%	814	89	10.9%	1	0	0.0%	0	0	0.0%	815	89	10.9%
2005	0	0	0.0%	0	0	0.0%	611	80	13.1%	1	0	0.0%	0	0	0.0%	612	80	13.1%
2006	0	0	0.0%	0	0	0.0%	524	61	11.6%	0	0	0.0%	0	0	0.0%	524	61	11.6%
2007	0	0	0.0%	0	0	0.0%	310	28	9.0%	1	1	100.0%	0	0	0.0%	311	29	9.3%
2008	0	0	0.0%	0	0	0.0%	185	9	4.9%	0	0	0.0%	0	0	0.0%	185	9	4.9%
2009	0	0	0.0%	0	0	0.0%	96	10	10.4%	0	0	0.0%	0	0	0.0%	96	10	10.4%
2010	0	0	0.0%	0	0	0.0%	104	6	5.8%	0	0	0.0%	0	0	0.0%	104	6	5.8%
2011	0	0	0.0%	0	0	0.0%	53	9	17.0%	0	0	0.0%	0	0	0.0%	53	9	17.0%
2012	0	0	0.0%	0	0	0.0%	81	3	3.7%	0	0	0.0%	0	0	0.0%	81	3	3.7%
2013	0	0	0.0%	0	0	0.0%	20	1	5.0%	0	0	0.0%	0	0	0.0%	20	1	5.0%
2014	0	0	0.0%	0	0	0.0%	3	0	0.0%	0	0	0.0%	0	0	0.0%	3	0	0.0%
2015	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

(a)(2vi) Retired Vehicles

From 1/1/2014 to 12/31/2014

MD Truck Model Year	A			T			O			B			C			Total		
	ASM		%	TSI		%	OBD		%	OBD+ ASM		%	OBD+ TSI		%	Test		%
	Test Count	Retired Count	Retired	Test Count	Retired Count	Retired	Test Count	Retired Count	Retired	Test Count	Retired Count	Retired	Test Count	Retired Count	Retired	Test Count	Retired Count	Retired
1968	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1969	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1970	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1971	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1972	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1973	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1974	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1975	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1976	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1977	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1978	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1979	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1980	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1981	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1982	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1983	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1984	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1985	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1986	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1987	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1988	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1989	6	4	66.7%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	6	4	66.7%
1990	26	8	30.8%	1	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	27	8	29.6%
1991	24	7	29.2%	4	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	28	7	25.0%
1992	30	6	20.0%	6	2	33.3%	0	0	0.0%	0	0	0.0%	0	0	0.0%	36	8	22.2%
1993	65	13	20.0%	4	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	69	13	18.8%
1994	98	24	24.5%	8	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	106	24	22.6%
1995	117	33	28.2%	6	2	33.3%	0	0	0.0%	0	0	0.0%	0	0	0.0%	123	35	28.5%
1996	0	0	0.0%	0	0	0.0%	84	19	22.6%	0	0	0.0%	0	0	0.0%	84	19	22.6%
1997	0	0	0.0%	0	0	0.0%	107	20	18.7%	0	0	0.0%	0	0	0.0%	107	20	18.7%
1998	0	0	0.0%	0	0	0.0%	147	24	16.3%	0	0	0.0%	0	0	0.0%	147	24	16.3%
1999	0	0	0.0%	0	0	0.0%	159	29	18.2%	0	0	0.0%	0	0	0.0%	159	29	18.2%
2000	0	0	0.0%	0	0	0.0%	199	24	12.1%	0	0	0.0%	0	0	0.0%	199	24	12.1%
2001	0	0	0.0%	0	0	0.0%	243	34	14.0%	0	0	0.0%	0	0	0.0%	243	34	14.0%
2002	0	0	0.0%	0	0	0.0%	297	30	10.1%	0	0	0.0%	0	0	0.0%	297	30	10.1%
2003	0	0	0.0%	0	0	0.0%	341	49	14.4%	0	0	0.0%	0	0	0.0%	341	49	14.4%
2004	0	0	0.0%	0	0	0.0%	384	37	9.6%	0	0	0.0%	0	0	0.0%	384	37	9.6%
2005	0	0	0.0%	0	0	0.0%	219	23	10.5%	0	0	0.0%	0	0	0.0%	219	23	10.5%
2006	0	0	0.0%	0	0	0.0%	272	30	11.0%	0	0	0.0%	0	0	0.0%	272	30	11.0%
2007	0	0	0.0%	0	0	0.0%	214	24	11.2%	0	0	0.0%	0	0	0.0%	214	24	11.2%
2008	0	0	0.0%	0	0	0.0%	202	21	10.4%	0	0	0.0%	0	0	0.0%	202	21	10.4%
2009	0	0	0.0%	0	0	0.0%	75	7	9.3%	0	0	0.0%	0	0	0.0%	75	7	9.3%
2010	0	0	0.0%	0	0	0.0%	66	7	10.6%	0	0	0.0%	0	0	0.0%	66	7	10.6%
2011	0	0	0.0%	0	0	0.0%	38	3	7.9%	0	0	0.0%	0	0	0.0%	38	3	7.9%
2012	0	0	0.0%	0	0	0.0%	41	3	7.3%	0	0	0.0%	0	0	0.0%	41	3	7.3%
2013	0	0	0.0%	0	0	0.0%	10	1	10.0%	0	0	0.0%	0	0	0.0%	10	1	10.0%
2014	0	0	0.0%	0	0	0.0%	8	0	0.0%	0	0	0.0%	0	0	0.0%	8	0	0.0%
2015	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Totals:	366	95	26.0%	29	4	13.8%	3106	385	12.4%	0	0	0.0%	0	0	0.0%	3501	484	13.8%



(a)(2vi) Retired Vehicles

From 1/1/2014 to 12/31/2014

HD Truck Model Year	A			T			O			B			C			Total		
	ASM		%	TSI		%	OBD		%	OBD+ ASM		%	OBD+ TSI		%	Test		%
	Test Count	Retired Count	Retired	Test Count	Retired Count	Retired	Test Count	Retired Count	Retired	Test Count	Retired Count	Retired	Test Count	Retired Count	Retired	Test Count	Retired Count	Retired
1968	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1969	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1970	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1971	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1972	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1973	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1974	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1975	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1976	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1977	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1978	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1979	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1980	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1981	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1982	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1983	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1984	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1985	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1986	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1987	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1988	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
1989	0	0	0.0%	3	2	66.7%	0	0	0.0%	0	0	0.0%	0	0	0.0%	3	2	66.7%
1990	0	0	0.0%	11	2	18.2%	0	0	0.0%	0	0	0.0%	0	0	0.0%	11	2	18.2%
1991	0	0	0.0%	7	3	42.9%	0	0	0.0%	0	0	0.0%	0	0	0.0%	7	3	42.9%
1992	0	0	0.0%	14	4	28.6%	0	0	0.0%	0	0	0.0%	0	0	0.0%	14	4	28.6%
1993	0	0	0.0%	15	6	40.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	15	6	40.0%
1994	0	0	0.0%	17	3	17.6%	0	0	0.0%	0	0	0.0%	0	0	0.0%	17	3	17.6%
1995	0	0	0.0%	38	8	21.1%	0	0	0.0%	0	0	0.0%	0	0	0.0%	38	8	21.1%
1996	0	0	0.0%	21	4	19.0%	6	1	16.7%	0	0	0.0%	0	0	0.0%	27	5	18.5%
1997	0	0	0.0%	34	8	23.5%	12	2	16.7%	0	0	0.0%	0	0	0.0%	46	10	21.7%
1998	0	0	0.0%	38	8	21.1%	10	0	0.0%	0	0	0.0%	0	0	0.0%	48	8	16.7%
1999	0	0	0.0%	44	9	20.5%	8	1	12.5%	0	0	0.0%	0	0	0.0%	52	10	19.2%
2000	0	0	0.0%	62	11	17.7%	26	3	11.5%	0	0	0.0%	0	0	0.0%	88	14	15.9%
2001	0	0	0.0%	34	10	29.4%	31	5	16.1%	0	0	0.0%	0	0	0.0%	65	15	23.1%
2002	0	0	0.0%	46	10	21.7%	28	3	10.7%	0	0	0.0%	0	0	0.0%	74	13	17.6%
2003	0	0	0.0%	43	9	20.9%	38	4	10.5%	0	0	0.0%	0	0	0.0%	81	13	16.0%
2004	0	0	0.0%	39	2	5.1%	43	8	18.6%	0	0	0.0%	0	0	0.0%	82	10	12.2%
2005	0	0	0.0%	4	1	25.0%	38	3	7.9%	0	0	0.0%	0	0	0.0%	42	4	9.5%
2006	0	0	0.0%	3	0	0.0%	68	7	10.3%	0	0	0.0%	0	0	0.0%	71	7	9.9%
2007	0	0	0.0%	0	0	0.0%	46	4	8.7%	0	0	0.0%	0	0	0.0%	46	4	8.7%
2008	0	0	0.0%	0	0	0.0%	33	4	12.1%	0	0	0.0%	0	0	0.0%	33	4	12.1%
2009	0	0	0.0%	0	0	0.0%	8	0	0.0%	0	0	0.0%	0	0	0.0%	8	0	0.0%
2010	0	0	0.0%	0	0	0.0%	16	1	6.3%	0	0	0.0%	0	0	0.0%	16	1	6.3%
2011	0	0	0.0%	0	0	0.0%	15	0	0.0%	0	0	0.0%	0	0	0.0%	15	0	0.0%
2012	0	0	0.0%	0	0	0.0%	11	0	0.0%	0	0	0.0%	0	0	0.0%	11	0	0.0%
2013	0	0	0.0%	0	0	0.0%	3	0	0.0%	0	0	0.0%	0	0	0.0%	3	0	0.0%
2014	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
2015	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Totals:	0	0	0.0%	473	100	21.1%	440	46	10.5%	0	0	0.0%	0	0	0.0%	913	146	16.0%